

Problem	Possible Cause	Possible Solution
Pressure drop in the tank.	Air leaks at connections	Let the compressor build pressure in the tank, to the maximum pressure if possible. brush soapy water on air connections and look carefully for air bubbles. Tighten leaky connections. If the problem persists, contact the seller for further advice.
The solenoid valve leaks when the compressor is idle	Three-way check valve is not sealed correctly	Let the air in the tank flow out until all the pressure is released. Then use an adjustable wrench to open the three-way check valve nut and clean inside and make sure the plastic cap and spring is secured. If necessary, replace the seal and then reinstall all components.
The compressor stopped and does not start.	Overload cutout operated because of motor overheating.	Check that the main voltage corresponds to specifications. An extension cord that is too thin or too long can cause a voltage drop and cause the motor to overheat. Allow the motor to cool down. use heavy duty extension cords. ensure that the compressor is plugged into a socket as close as possible to the consumer unit or fuse box.
	Motor windings are burned out.	Contact Customer Support.
The motor does not start and makes a humming noise.	Capacitor is burned out.	Replace starter capacitor
The motor does not start or starts slowly.	Low voltage supply to the motor.	Check that the main voltage corresponds to specifications. An extension cord that is too thin or too long can cause a voltage drop and cause the motor to overheat. Allow the motor to cool down. use heavy duty extension cords. ensure that the compressor is plugged into a socket as close as possible to the consumer unit or fuse box.
The compressor is noisy with metallic clangs.	Compressor head gasket broken or valve faulty	Stop the compressor and contact SMTmax.
The compressor does not reach the maximum pressure.	Compressor head gasket broken or valve faulty	Stop the compressor and contact SMTmax.
The compressor doesn't seem to provide as much air as it did when new and/or the compressor cuts off within a much shorter time period.	The pressure switch needs adjusting	Stop the compressor and contact SMTmax.
	The tank is full of water due to condensation	Open the safety valve and release the pressure. Open the drain valve and release the water within the tank.
The motor pump unit does not stop when the tank pressure reaches its maximum working pressure (8 bar or 116 PSI) and the safety valve vents air	Pressure switch defective or needs adjusting.	Stop the compressor immediately and contact SMTmax